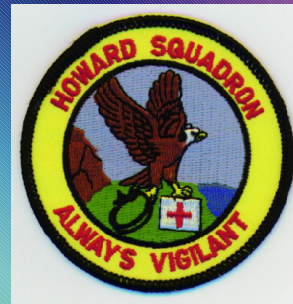




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**AEROSPACE EDUCATION EVENTS!**

## **Guest Speakers**

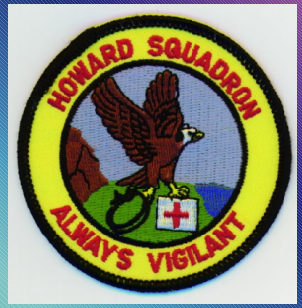
The Squadron was treated to two excellent presentations this quarter. One on April 13 by Mr. David Fenner, and a second on June 8 by Mr. Doug Williams.

David Fenner has been involved in the design, test, and evaluation of airborne radar surveillance systems. He has flown on the E3A Airborne Warning And Control System (AWACS) during installation and evaluation of a sea surface detection capability. He has worked on the development of airborne radar techniques for some 20 years. He spoke to us on the character of electromagnetic radiation and the properties of each domain of the spectrum — from radio waves to gamma rays. The presentation featured recent examples of radar technology and covered some of the problems radar engineers face.

Doug Williams, a rated Airline Transport Pilot, Gold Seal Flight Instructor in Instrument, Single and Multi Engine, and FAA Aviation Safety Counselor is the Aviation Program Coordinator at Community College of Baltimore County. He spoke of Aeronautics opportunities there. His program offers an Associate of Applied Science (A.A.S) degree in Aviation Management. Students acquire a core knowledge of business operations, computer information systems, economics, management, and technical writing. Aviation studies include aeronautics, air transportation science, FAA & government regulations, meteorology, and air traffic control procedures.



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## Rockets!

Our program has substantially completed the building phase, and we have begun to test the fleet. On June 10 we were able to join our friends and advisers of NARHAMS for a sport launch at their Middletown site. All the rockets tested performed extremely well, including the two stage model. We are looking forward to more such practices and a field day for training in range skills before we prepare to do a Wing wide contest and finish up.

Some of our Nike Smoke kits are readied for flight at NARHAMS Middletown site.

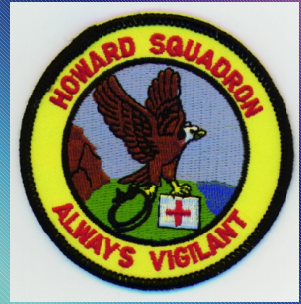


## Change of Command

On June 22 the baton of leadership was passed to a freshly minted C/2Lt Dan Proffen, who takes over from C/2Lt Neil Fortner as Cadet Commander. The ceremony was well attended by our Wing and Group commanders and a substantial number of parents, who also contributed a variety of refreshments. The entire squadron joins in wishing Dan all possible success in his new endeavor.



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## Ground Team

## Crash Site

## Missing Person Search

### Mission Support

**Mission MD00-5403:** On May 26, 2000, at 1800 eastern daylight time, a JU-87 Stuka replica, N87DK, a home-built airplane, was destroyed during collision with trees and terrain in Urbana, Maryland. The pilot was fatally injured. One witness reported, "I heard the airplane and looked to see which direction it was flying. It was flying north to south towards that cornfield where he crashed. It was flying one wing up and one wing down..."

The initial surveillance was provided by the BCC ground team, led by LtC John Knowles. On the following day a ground team from Howard Squadron, led by Maj. Elza Redman, relieved them. We provided security and assistance while NTSB and FAA conducted their examination.

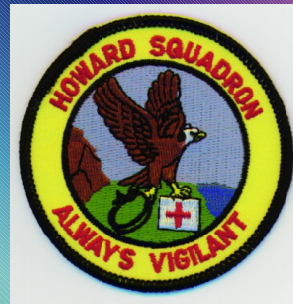
**Mission 00M1315A:** On June 27, 2000 in a textbook missing person search, our ground team was one of eight Maryland Wing teams that located a missing resident of Silver Spring, Maryland in a brisk two and one half hours of search time. The mission's record setting pace was a credit to the dedication and training of these teams. A life saving credit is expected for the BCC team, headed by LtC John Knowles.

From MCPD's Lt. Darrel McSwain, who brought CAP into play, "My expectations for CAP were born out and exceeded. You all performed like you were being paid a million dollars. There was a phenomenal response from the teams in arriving here in rush hour traffic and from all over the State. Your members were respectful, attentive, and cooperative. The search was conducted in a thoroughly professional manner with probability of detection considered and duplication of effort avoided."





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## April and June SAREX Support

The Squadron ground team was active at April's SAREX in Hagerstown, where your editor also trained further as an information officer. In May we obtained Citizen CPR training for all interested parties, with nearly everyone getting a full 100 percent on the test. In June we supported the Martin State SAREX with a ground team. The ground team training has also progressed well — there are rumors that two or three folks are now ready to take the practical.

### Promotions & Awards

**Cadets: Mitchell Award:** J. Flagg, D. Steciak, D. Proffen, S. Haack;  
**Doolittle Award:** J. Eherhardt; **Arnold Award:** C. Christiansen,  
J. Burkhardt; **Curry Award:** A. Chandra, D. Haack.

**Red Service Award:** 1Lt. M. Kennedy, 2Lt. J. Sundberg, D. Steciak, H. Robinson, S. Haack.

**Cadet Community Service:** D. Proffen, **20 yr Clasp** (Service Award): Maj. Elza Redman.

**Commander's Commendation:** **Cpt J. Kelley** for service as encampment Commander at the Frederick Air Show; **J. Eberhardt** for emergency service at Blue Beret encampment on an air crash surveillance.

### Web Site ([hcs.mdwg. cap.gov](http://hcs.mdwg.cap.gov))

The "Aerospace Education" page has been stocked with several new links to rocketry sites, as well as links to cover current events in aerospace.

### Quarterly Order of the Wingnut

Without question, the current citation belongs to those Martin SAREX staff members who managed to deploy 121.6 MHz test ELT. Even the AFRCC couldn't see it.

